



### **Mathematics and Statistics for Life Sciences**

(Organized by Maria Francesca Carfora and Caterina Missero )DIETI CFU: 3

January 12	Introduction to probability and descriptive statistics (Dr. Maria Francesca Carfora)
January 19	The Normal Distribution and Sampling. Other distribution of interests (Dr. Maria Francesca Carfora)
January 21	Statistical inference: Confidence intervals (Dr. Antonella Iuliano)
January 26	Statistical inference: Hypothesis tests (part I) (Dr. Annamaria Carissimo)
January 28	Statistical inference: Hypothesis tests (part II) (Dr. Annamaria Carissimo)
February 2	Linear regression and correlation (Dr. Daniela De Canditiis)
February 9	Multiple linear regression (Dr. Italia De Feis)
February 16	Principal component analysis (Dr. Italia De Feis)
February 23	Practical examples session (Dr. Claudia Angelini)
March 2	Practical example session (Dr. Claudia Angelini)